

United States
Department of
Agriculture

Forest
Service

Northeastern Area
State and Private
Forestry

180 Canfield St.
Morgantown, WV 26505

ALOE
04/11/91
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Reply To: 3460

Date: January 29, 1991

Mike Fowles
Loyalhanna Lake
U.S. Army Corps of Engineers
Pittsburgh District
RD 2
Saltsburg, PA 15681

Dear Mike:

Enclosed for your information (Table 1) are the results of the 1987-1990 gypsy moth monitoring program for six U.S. Army Corps of Engineers sites within the Pittsburgh District. The purpose of the program is to monitor low level gypsy moth populations and to determine when additional survey methods such as burlap banding and egg mass surveys are necessary.

Gypsy moth catches at Union City Dam averaged 761 moths per trap in 1990. This site can be dropped from the trapping program since it is located in an area that is generally infested by gypsy moth. Reproducing gypsy moth populations already exist at this site. Egg mass surveys conducted by Corps personnel revealed 28 egg masses.

Gypsy moth catches at Tygart Lake averaged 60 moths per trap in 1990. Burlap banding of selected oak trees should be conducted in 1991. The burlap banding should be deployed in late May and checked weekly through August for the presence of larvae, pupae and/or egg masses. If no gypsy moths are detected under the bands, further egg mass surveys are unnecessary. If, however, other life stages are detected under the bands, egg mass surveys should be conducted during the fall. The egg mass survey will determine if an infestation exists and if intervention tactics will be necessary in 1992. Please continue the trapping at the same intensity.

Gypsy moth catches at Berlin Lake, Michael J. Kirwan Dam, Mosquito Creek Lake, and Stonewall Jackson Dam are still low, averaging 8, 9, 18 and 2 moths per trap, respectively. It will be a few years before gypsy moth populations are sufficient to cause any noticeable defoliation at these sites. The trapping program should be continued at these sites at the same intensity.

In addition to the trapping program, burlap banding was also conducted at Michael J. Kirwan Dam in 1990. No larvae, pupae, or egg masses were seen under the bands. Although trapping should be the main focus at this site, we do not discourage this site or any site from burlap banding. It is better to intensify monitoring efforts a year too early than a year too late. Please continue trapping at the same intensity.

Thank you for your continued cooperation and if you have any questions regarding these results or future gypsy moth monitoring activities at these sites, please contact Brad Onken or me at 304-291-4133.

Sincerely,

Rodney L. Whiteman

RODNEY L. WHITEMAN
Biological Technician
Forest Pest Management

cc: AO
Pat Kline, Berlin Lake
Susan Kline, Michael J. Kirwan Dam
Doug Krider, Mosquito Creek Lake
James Devore, Stonewall Jackson Dam
Rick Miller, Tygart Lake
Scott Hans, Union City Dam
Larry Ehlers, OHDNR
Charles Coffman, WVDA
Barry Towers, PA DER
Alan Baumgard, OHDA
Alan Miller, WVDA
Larry Rhoads, PA DER

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Table 1.--Results of the gypsy moth monitoring program at six U.S.
Army Corps of Engineers sites in Pittsburgh District, 1987-1990.

BERLIN LAKE

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NUMBERS
1987		TRAPS NOT RETURNED
1988	9	1,4,11
1989	0	TRAPS NOT DEPLOYED
1990	74	ALL

MICHAEL J. KIRWAN DAM

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NUMBERS
1987	1	1
1988	4	3,6,7
1989	56	ALL
1990	97	ALL

MOSQUITO CREEK LAKE

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NUMBERS
1987	63	ALL
1988	59	ALL
1989	132	1,2,3,6,7,9
1990	130	ALL

STONEWALL JACKSON DAM

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NUMBERS
1987	4	18,23
1988	2	4,11
1989	6	11,16,18,20,22
1990	51	19,20,21,22,23

TYGART LAKE

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NUMBERS
1987	48	ALL EXCEPT 4,5,11
1988	10	8,9,10,11
1989	564	ALL EXCEPT 9
1990	785	ALL

Table 1. (continued)

UNION CITY DAM

	TOTAL MOTHS CAUGHT	POSITIVE CATCH TRAP NUMBERS
1987	668	3,4,5
1988	1017	ALL
1989	852	ALL
1990	3804	ALL